[54] **2-PHENYL-4,4,5,5-TETRAMETHYL-IMIDAZOLINE-1-OXYL-3-OXIDE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS FOR MAINTAINING BLOOD PRESSURE**

[75] Inventors: **Hiroshi Maeda**, Kumamoto; **Yoichi Miyamoto**, Ibaraki; **Takaaki Akaike**, Kumamoto, all of Japan

[73] Assignee: **Hiroshi Maeda**, Kumamoto, Japan

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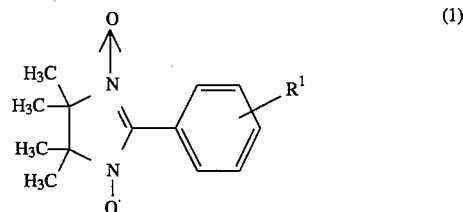Osiecki et al, J. Amer. Chem. Soc., vol. 90, No. 4, pp. 1078–1079 (1968).

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[57] **ABSTRACT**

(1) The imidazoline derivative represented by the following general formula (1)

(1)

where R^1 is a substituent endowed with water solubility or fat solubility, particularly carboxyl group or carboxymethoxy group or a pharmaceutically acceptable salt thereof, (2) The method for producing the above-mentioned compound, and (3) A therapeutic agent containing as its active ingredient the above-mentioned imidazoline derivative or an imidazoline derivative wherein R^1 indicated in the formula (1) is hydrogen atom. The imidazoline derivative set forth under (1) above is a novel substance; and this compound itself and its derivative having R^1 as indicated in the general formula (1) is hydrogen atom are useful as a therapeutic agent for treatment of shock from the fall in blood pressure by virtue of their ability to remove excess NO which is the vascular endothelium-derived relaxing factor (EDRF).

11 Claims, No Drawings